

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	91	(376/114).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/21 14:28
L2	20	1 and @ad> "19990727"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:30
L3	29	1 and @ad< "19990727"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:31
L4	13	1 and @ad< "19990727" and (heat adj exchange\$3 coolant cooling) and (Ga gallium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:33
L5	1	1 and @ad< "19990727" and (heat adj exchange\$3 coolant cooling) and (gallium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:35
L6	0	1 and @ad< "19990727" and (heat adj exchange\$3 coolant cooling) and (liquid near20 gallium liquid adj Ga)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:36

L7	0	1 and @ad<"19990727" and (heat adj exchang\$3 coolant cooling) and (liquid near20 gallium liquid adj5 Ga)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:36
L8	76	heat adj exchanger and liquid adj gallium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:38
L9	41	heat adj exchanger and liquid adj gallium	USPAT	OR	ON	2011/02/21 14:38
L10	5	heat adj exchanger and liquid adj gallium and neutron near4 (generat\$3 source)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:39
L11	5	heat adj exchanger and liquid adj5 gallium and neutron near4 (generat\$3 source)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:39
L12	10	(heat adj exchanger coolant cooling) and liquid adj5 gallium and neutron near4 (generat\$3 source)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 14:40
L13	633	(165/132).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/21 14:57
L14	566	(376/190-202).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/21 15:12

L15	4	14 and (tank reservoir) and liquid near3 (coolant gallium) and neutron near2 (source generat\$3) and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 15:14
L16	0	neutron adj source and ".sup.10Be" and ".sup.7Li"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 15:17
L17	0	".sup.10Be" and ".sup.7Li"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 15:17
L18	356	".sup.7Li"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 15:17
L19	16	".sup.10Be"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 15:17
L20	0	".sup.10Be" and neutron adj source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 15:17
L21	0	".sup.10Be" and neutron adj (generat\$3 source)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 15:17

L22	99	".sup.7Li" and neutron near2 (source generat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 15:18
L23	237	(376/190,194,199).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/21 15:35
L24	2295	((376/114,156,158,190-202) or (165/132) or (315/502-504)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/21 16:41
L25	11	24 and neutron near3 (generat\$3 source) and nozzle and (heat adj exchanger coolant cooling) and (reservoir tank)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 16:43
L26	7	24 and neutron near3 (generat\$3 source) and nozzle and (heat adj exchanger coolant cooling) and (reservoir tank) and (liquid near3 (Ga coolant gallium))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 16:56
L28	0	(cooling coolant).clm. and (target).clm. and (neutron near3 (source generator generation)).clm. and (nozzle).clm. and (sub\$1merg\$3).clm. and jet.clm. and (liquid near2 (gallium Ga)).clm. and (tank reservoir storage storing).clm. and (pump pumping).clm. and (heat near2 exchang\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/21 17:11
S1	6	((("5392319") or ("5784423") or ("4811687"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 16:54

S2	0	S1 and "low Z"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 17:36
S3	4	S1 and neutron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 17:42
S4	4	S1 and neutron and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 18:10
S5	0	S1 and neutron and target and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 18:10
S6	0	S1 and neutron and target and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:10
S7	0	liquid adj gallium with cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13
S8	0	liquid adj cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13
S9	74	cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13

S10	0	cool\$3 with (neutron adj source) and liquid adj gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:14
S11	74	cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:14
S12	15	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:16
S13	0	cool\$3 with (neutron adj source) and cool\$3 near4 (liquid adj (gallium Ga))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:15
S14	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:18
S15	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle and cool\$3 near6 (liquid water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:26
S16	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle and cool\$3 near6 (liquid water) and (liquid water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:34
S17	447	nozzle near6 (liquid adj coolant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:34

S18	0	nozzle near6 (liquid adj coolant) and neutron adj source	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:35
S19	3	nozzle near4 (liquid adj coolant) with target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 08:50
S20	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:18
S21	2	("5493191").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:19
S22	2	("4953191").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:25
S23	1	"5784423".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:35
S24	1	"4811687".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:36
S25	1	"4811687".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 12:22

S27	0	"5917874".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:48
S28	2	"5917874".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:27
S29	5	"773943".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 16:32
S30	4	("4141224").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:35
S31	16	(cooling coolant) near4 (method apparatus system) with \$2radiation near2 target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 16:44
S32	743	((376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (376/503) or (376/504) or (376/505) or (313/62)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:48
S33	0	S32 and (cooling coolant) near3 gallium.ti,ab,clm. and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S34	0	S32 and (cooling coolant) near3 gallium and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50



S35	0	S32 and (cooling coolant) with (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S36	0	S32 and (cooling coolant) same (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S37	0	S32 and (cooling coolant) and (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S38	3	S32 and (cooling coolant) and (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 18:48
S39	573	((376/100) or (376/106) or (376/913)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 18:50
S40	8	S39 and (antimatter anti-matter anti adj matter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 18:51
S49	6	"360582".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 09:40
S50	6	"919870".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 09:43

S51	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:22
S52	4	("4141224").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:31
S53	2	("4811687").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:41
S54	2	("4599515").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:43
S55	0	S54 and (liquid gallium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:43
S56	0	liquid near3 (gallium Ga) with coolant and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 11:44
S57	2	liquid near3 (gallium Ga) with coolant and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 12:21
S58	1	liquid near3 coolant with submerg\$3 and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 12:31

S59	2	submerged adj jet adj impingement	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:49
S60	2	("5784423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 17:51
S61	0	liquid adj gallium and submerged and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:53
S62	2	liquid adj gallium and submerged and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:54
S63	84	liquid adj gallium and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:06
S64	0	liquid adj gallium near20 cooling near20 (neutron near6 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:07
S65	0	liquid adj gallium near20 cooling near20 (neutron near20 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:07
S66	0	liquid adj gallium near20 (coolant cooling) near20 (neutron near20 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 19:14

S67	2	("5,784,423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 19:14
S68	21	((US-20060029178-\$ or US-20060039521-\$ or US-20020037066-\$ or US-20030152183-\$). did. or (US-4953191-\$ or US-5034183-\$ or US-4141224-\$ or US-6163587-\$ or US-4309249- \$ or US-4811687-\$ or US-5392319-\$ or US-5848110-\$ or US-5784423-\$ or US-6813330-\$ or US-5118950-\$ or US-5051582-\$ or US-4867939-\$ or US-5976066-\$ or US-4599515-\$ or US-6208704-\$ or US-5949836-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/10 20:46
S69	826	((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/10 20:50
S70	0	S69 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
S71	0	"376"/\$7.ccls. and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:49
S72	1411	((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
S73	0	S72 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
S74	1	S72 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:51
S75	1	S72 and liquid adj (coolant cooling) near20 (gallium "ga")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:52

S76	0	(brandon near1 blackburn).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:52
S77	0	((brandon near1 blackburn).in. (massachusetts adj institute adj2 technology mit).as.) and (liquid near1 gallium).clm. and neutron.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:54
S78	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/27 16:15
S79	2	("5784423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/27 17:27
S80	4	("4141224").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/27 19:03
S81	1147	((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/27 19:05
S82	0	S81 and (cooling coolant) near10 (liquid adj (Ga gallium)) and nozzle and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and neutron adj source and "low" adj (Z atomic adj number)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 19:08
S83	0	S81 and (cooling coolant) and (liquid adj (Ga gallium)) and nozzle and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and neutron adj source and "low" adj (Z atomic adj number)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 19:08

S84	0	(cooling coolant) and (liquid adj (Ga gallium)) and nozzle and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and neutron adj source and "low" adj (Z atomic adj number)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 19:09
S85	0	(cooling coolant) and (liquid adj (Ga gallium)) and (jet nozzle) and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and neutron adj source and "low" adj (Z atomic adj number)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 19:09
S86	5	(cooling coolant) and (liquid adj (Ga gallium)) and (jet nozzle) and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and (target) and "low" adj (Z atomic adj number)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 19:10
S87	0	((blackburn near1 brandon).in. (massachusetts adj institute).as.) and (cooling coolant) and (liquid adj (Ga gallium)) and (jet nozzle) and heat adj exchange\$1 and reservoir and pump\$3 and (re\$1circulat\$3 loop) and (target) and "low" adj (Z atomic adj number)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 19:11
S88	7	"360582".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 18:36
S89	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 18:36
S90	2	("5784423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 19:43
S91	1	liquid adj gallium near4 reservoir near10 (aluminum copper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 21:49

S92	311	liquid-filled adj container	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 21:50
S93	156	liquid-filled adj container	USPAT	OR	OFF	2007/10/27 21:52
S94	0	liquid-filled adj container near10 nozzle	USPAT	OR	OFF	2007/10/27 21:52
S95	4	liquid-filled adj container near10 (spout nozzle)	USPAT	OR	OFF	2007/10/27 21:56
S96	0	liquid-filled adj container near10 ("Fig."\$2)	USPAT	OR	OFF	2007/10/27 21:56
S97	0	liquid-filled adj container near10 ("Fig."\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 21:57
S98	0	(liquid\$1filled (liquid adj filled)) adj container near10 ("Fig."\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 21:57
S99	1	(liquid\$1filled (liquid adj filled)) adj (can bottle cask box tank container) near10 ("Fig."\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 21:58
S100	1	(liquid\$1filled (liquid adj filled)) adj (can bottle cask box tank container reservoir) near10 ("Fig."\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 21:59
S101	1	(liquid\$1filled (liquid adj filled) filled near2 liquid) adj (can bottle cask box tank container reservoir) near10 ("Fig."\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 21:59

S102	25	(liquid\$1filled (liquid adj filled) filled near2 liquid) adj (can bottle cask box tank container reservoir) near10 ("Fig."\$2 Figure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 22:07
S103	53	filled.clm. and fully near3 filled.clm. and partially near3 filled.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 23:35
S104	1158	((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 23:38
S105	0	S104 and neutron adj source and "low" near3 (atomic adj number "Z" Be beryllium) and nozzle and liquid near3 (gallium Ga) and heat near3 (exchange\$1 exchanging) and (container reservoir tank)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 23:41
S106	0	((blackburn near2 brandon).in. massachusetts adj institute.as.) and neutron adj source and "low" near3 (atomic adj number "Z" Be beryllium) and nozzle and liquid near3 (gallium Ga) and heat near3 (exchange\$1 exchanging) and (container reservoir tank)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 23:43
S107	2	("6258620").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/13 09:38
S108	27	liquid adj gallium near6 copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/13 09:40
S109	3	liquid adj gallium near6 copper and (neutron adj source coolant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/13 09:59



S110	4	("4141224").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/13 09:59
S111	0	("liquidadjgalliumnear4coolantandheatadjexchangerandreservoir").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 12:38
S112	0	liquid adj gallium near4 coolant and heat adj exchanger and reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 12:38
S113	2	liquid adj gallium near20 (heat adj exchanger) and reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 12:39
S114	136	coolant near20 (heat adj exchanger) and reservoir and "376"/\$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 12:39
S115	4	heat adj exchanger near20 reservoir near20 directly and nuclear adj2 reactor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 17:18
S116	0	heat adj exchanger near20 reservoir near20 directly and nuclear adj source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 17:18

S117	0	heat adj exchanger near20 reservoir near20 directly and neutron adj source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 17:18
S118	0	heat adj exchanger near20 reservoir near20 directly and target and "376"/\$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 17:19
S119	2	heat adj exchanger near20 reservoir near20 directly and coolant and "376"/\$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 17:19
S120	22	(US-20060029178-\$ or US-20030152183-\$ or US-20060039521-\$ or US-20020037066-\$). did. or (US-5784423-\$ or US-5392319-\$ or US-4811687-\$ or US-4309249-\$ or US-5848110-\$ or US-4141224-\$ or US-4953191-\$ or US-6813330-\$ or US-6163587-\$ or US-5118950-\$ or US-5051582-\$ or US-5034183-\$ or US-4867939-\$ or US-5976066-\$ or US-4599515-\$ or US-6208704-\$ or US-5949836-\$ or US-3629588-\$).did.	US-PGPUB; USPAT	OR	ON	2007/12/17 18:04
S121	0	S120 and filatov.in.	US-PGPUB; USPAT	OR	ON	2007/12/17 18:05
S122	0	S120 and filatov.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 18:05
S123	1842	filatov.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 18:05
S124	1	filatov.in. and ru-2069391\$-\$-did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 18:05

S125	0	neutron adj source and (cooling coolant heat near2 exchange\$3) and (liquid near2 gallium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 11:31
S126	30	neutron adj source and (cooling coolant heat near2 exchange\$3) and (gallium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 11:32
S127	130	neutron adj source and (cooling coolant heat near2 exchange\$3) and (liquid near2 metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 11:35
S128	10	neutron adj source.ti,ab,clm. and (cooling coolant heat near2 exchange\$3) near20 (liquid near2 metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 11:38
S129	626	steam adj generator near4 nuclear adj2 plant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 13:49
S130	1998	steam adj generator near4 (nuclear adj2 (plant reactor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 13:49
S131	894	steam adj generator near4 (nuclear adj2 (plant reactor))	USPAT	OR	ON	2010/04/12 13:50
S132	33	steam adj generator near4 (nuclear adj2 (plant reactor)) and nozzle adj dam	USPAT	OR	ON	2010/04/12 13:50
S133	29	steam adj generator near4 (nuclear adj2 (plant reactor)) and nozzle adj dam and "376"/\$7.ccls.	USPAT	OR	ON	2010/04/12 13:53
S134	2	steam adj generator near4 (nuclear adj2 (plant reactor)) and nozzle adj dam and water-tight and "376"/\$7.ccls.	USPAT	OR	ON	2010/04/12 13:55

S135	2	("4667701").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/12 13:55
S136	4	submerged adj jet adj impingement	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 15:45
S137	15	submerged adj jet and target and liquid near3 (metal gallium Ga)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 15:46
S138	13	(gallium Ga) and submerged adj jet and cooling and target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/12 16:12
S139	5	coolant near3 reservoir same (heat adj exchanger) same target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/10 09:34
S140	1533	((376/156,158,190-192,194-199,201,202) or (315/502-504)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/10 11:04
S141	0	S140 and liquid near3 gallium and neutron adj source and target and nozzle and (submerged impingement) and cool\$3 and heat near3 exchange\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/10 11:06

S145	5	"929590".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/10 14:17
S146	2	"5784423".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/14 10:50
S147	17	heat adj exchanger near10 (reservoir tank) near10 target same circulat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/14 13:14
S148	0	heat adj exchanger near10 (reservoir tank) near10 target same circulat\$3 same coolant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/14 13:16
S149	3	heat adj exchanger near10 (reservoir tank) near10 target same coolant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/14 13:16
S150	9	"000627".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/14 14:20
S151	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/15 09:10

S152	5	("4141224").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/15 09:23
S153	29	("4141224").URPN.	USPAT	OR	ON	2010/10/15 09:27
S154	2	("6360559").URPN.	USPAT	OR	ON	2010/10/15 09:31
S155	3	("4141224"   "4437082"   "4897762").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/15 09:32
S156	2	("5784423").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/15 09:44
S157	0	165/114.19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/15 11:37
S158	0	(165/114.19).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/15 11:37
S159	1131	(165/104.19).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/15 11:37
S160	1553	((376/156,158,190-192,194-199,201,202) or (315/502-504)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/15 14:39

S161	71	S160 and (cooling coolant) and neutron near2 (source generator generation) and (gallium Ga)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/15 14:40
S162	32	S160 and (cooling coolant) and neutron near2 (source generator generation) and (gallium Ga) and heat adj exchange\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/15 14:41
S163	6	S160 and (cooling coolant) and neutron near2 (source generator generation) and (gallium Ga) near3 liquid and heat adj exchange\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/15 14:42
S164	0	(process method technique).clm. and (cooling coolant).clm. and (target).clm. and (neutron near3 (source generator generation)).clm. and (nozzle).clm. and (sub\$1merg\$3).clm. and jet.clm. and (liquid near2 (gallium Ga)).clm. and (tank reservoir storage storing).clm. and (pump pumping).clm. and (heat near2 exchang\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/15 14:49
S165	0	(cooling coolant).clm. and (target).clm. and (neutron near3 (source generator generation)).clm. and (nozzle).clm. and (sub\$1merg\$3).clm. and jet.clm. and (liquid near2 (gallium Ga)).clm. and (tank reservoir storage storing).clm. and (pump pumping).clm. and (heat near2 exchang\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/15 14:50
S166	78	(376/191).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/15 14:55
S169	2	("5784423").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/21 12:35

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L27	0	(cooling coolant).clm. and (target).clm. and (neutron near3 (source generator generation)).clm. and (nozzle).clm. and (sub\$1merg\$3).clm. and jet.clm. and (liquid near2 (gallium Ga)).clm. and (tank reservoir storage storing).clm. and (pump pumping).clm. and (heat near2 exchang\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/21 17:11
S142	0	"1" and liquid near3 gallium and neutron adj source and target and nozzle and (submerged impingement) and cool\$3 and heat near3 exchang\$3	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/10 11:06
S143	0	liquid near3 gallium and neutron adj source and target and nozzle and (submerged impingement) and cool\$3 and heat near3 exchang\$3	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/10 11:06
S144	0	liquid near3 gallium.clm. and neutron adj source.clm. and target.clm. and nozzle.clm. and (submerged impingement).clm. and cool\$3.clm. and heat near3 exchang\$3.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/10 11:07
S167	0	(process method technique).clm. and (cooling coolant).clm. and (target).clm. and (neutron near3 (source generator generation)).clm. and (nozzle).clm. and (sub\$1merg\$3).clm. and jet.clm. and (liquid near2 (gallium Ga)).clm. and (tank reservoir storage storing).clm. and (pump pumping).clm. and (heat near2 exchang\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/15 14:49
S168	0	(cooling coolant).clm. and (target).clm. and (neutron near3 (source generator generation)).clm. and (nozzle).clm. and (sub\$1merg\$3).clm. and jet.clm. and (liquid near2 (gallium Ga)).clm. and (tank reservoir storage storing).clm. and (pump pumping).clm. and (heat near2 exchang\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/15 14:50

2/21/2011 5:43:18 PM

C:\Documents and Settings\jmond\My Documents\EAST\Workspaces\09360582.wsp